EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 20 | nanometric AND mesoscopic AND particles | US-PGPUB; USPAT | OR | OFF | 2008/06/23 10:58 |
| S2 | 12 | nanometric AND mesoscopic AND particles | USPAT | OR | OFF | 2008/06/23 11:01 |
| S3 | 2967 | (428/402).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/24 07:53 |
| S4 | 1421 | nanometric | US-PGPUB; USPAT | OR | OFF | 2008/06/24 07:53 |
| S5 | 13 | S3 AND S4 | US-PGPUB; USPAT | OR | OFF | 2008/06/24 07:53 |
| S6 | 4 | S3 AND S4 | USPAT | OR | OFF | 2008/06/24 07:53 |
| S7 | 310232 | inorganic | USPAT | OR | OFF | 2008/06/24 07:58 |
| S8 | 615316 | organic | USPAT | OR | OFF | 2008/06/24 07:58 |
| S9 | 267467 | S7 AND S8 | USPAT | OR | OFF | 2008/06/24 07:58 |
| S10 | 797 | S3 AND S9 | USPAT | OR | OFF | 2008/06/24 07:58 |
| S11 | 556 | mesoscopic | USPAT | OR | OFF | 2008/06/24 07:58 |
| S12 | 4 | S10 AND S11 | USPAT | OR | OFF | 2008/06/24 07:58 |
| S13 | 334 | dissymmetric | US-PGPUB; USPAT | OR | OFF | 2008/06/24 08:03 |
| S14 | 2 | S13 AND S4 | US-PGPUB; USPAT | OR | OFF | 2008/06/24 08:03 |
| S15 | 267519 | mineral | US-PGPUB; USPAT | OR | OFF | 2008/06/24 08:04 |
| S16 | 497932 | particle | US-PGPUB; USPAT | OR | OFF | 2008/06/24 08:05 |
| S17 | 27 | S13 AND S16 | US-PGPUB; USPAT | OR | OFF | 2008/06/24 08:05 |
| S18 | 128062 | asymmetric | US-PGPUB; USPAT | OR | OFF | 2008/06/24 08:07 |
| S19 | 10611 | nanoparticle | US-PGPUB; USPAT | OR | OFF | 2008/06/24 08:07 |
| S20 | 137 | S9 AND S19 AND S18 | US-PGPUB; USPAT | OR | OFF | 2008/06/24 08:07 |

| S21 | 5 | S20 AND S3 | US-PGPUB; USPAT | OR | OFF | 2008/06/24 08:07 |
|---|---|---|---|---|---|---|
| S24 | 310232 | inorganic | USPAT | OR | OFF | 2008/06/24 14:58 |
| S25 | 615316 | organic | USPAT | OR | OFF | 2008/06/24 14:58 |
| S26 | 267467 | S24 AND S25 | USPAT | OR | OFF | 2008/06/24 14:58 |
| S27 | 128062 | asymmetric | US-PGPUB; USPAT | OR | OFF | 2008/06/24 14:58 |
| S28 | 10611 | nanoparticle | US-PGPUB; USPAT | OR | OFF | 2008/06/24 14:58 |
| S29 | 137 | S26 AND S28 AND S27 | US-PGPUB; USPAT | OR | OFF | 2008/06/24 14:58 |
| S30 | 16 | ("6846565").URPN. | USPAT | OR | OFF | 2008/06/24 14:58 |
| S31 | 187 | ("20010054709" \| "20020013031" \| "20020040805" \| "20020055239" \| "20020084502" \| "20020086335" \| "20020112814" \| "20020117659" \| "20020122766" \| "20020130311" \| "20020130353" \| "20020146714" \| "20020158342" \| "20020172820" \| "20020175408" \| "20020179434" \| "20020187504" \| "20030001091" \| "20030003300" \| "20030032892" \| "20030048619" \| "20030073071" \| "20030089899" \| "20030098488" \| "20030113713" \| "20030113940" \| "20030121764" \| "20030124509" \| "20030124717" \| "20030134267" \| "20030134433" \| "20030135971" \| "20030156992" \| "20030186522" \| "20030186544" \| "20030189202" \| "20030197456" \| "20030200521" \| "20040005723" \| "20040026684" \| "20040067530" \| "20040095658" \| "20040106203" \| "20040112964" \| "20040113138" \| "20040113139" \| "20040118448" \| "20040136866" \| "20040146560" \| "20040157414" \| "20040188721" \| "20040213307" \| "20050037374" \| "20050064185" \| "20050064731" \| "20050066883" \| "20050072213" \| "20050079533" \| "20050079659" \| "20050100960" \| "20050101026" \| "20050109989" \| "20050110064" \| "20050161662" \| "20050181587" \| "20050201149" \| "20050202615" \| "20050212079" \| "20050214967" \| "20050219788" \| "20050230356" \| "20050253137" \| "20050287717" \| "20060008942" \| "20060009003" \| "20060019472" \| "20060054936" \| "20060160246" \| "20060175601" \| "20060237749" \| "20070026645" \| "20070032023" \| "20070032051" \| "20070032052" \| "20070048492" \| "3873359" \| "3873360" \| "3900614" \| "4673474" \| "4939556" \| "5023136" \| "5089545" \| "5252835" \| "5274602" \| "5453970" \| "5475341").PN. OR ("5512131" \| "5524092" \| "5537075" \| "5539214" \| "5581091" \| "5589692" \| "5607876" \| "5620850" \| "5640343" \| "5726524" \| "5739057" \| "5747180" \| "5751156" \| "5776748" \| "5824470" \| "5830538" \| "5840435" \| "5847565" \| "5858862" \| "5864823" \| "5897945" \| "5900160" \| "5903010" \| "5908692" \| "5916642" \| "5942443" \| "5997832" \| "6036774" \| "6038060" \| "6060121" \| "6060724" \| "6069380" \| "6123819" \| "6128214" \| "6143184" \| "6149819" \| "6159742" \| "6180239" \| "6187165" \| "6190634" \| "6203864" \| "6207392" \| "6211464" \| "6231744" \| "6256767" \| "6270074" \| "6278231" \| "6286226" \| "6287765" \| "6314019" \| "6325904" \| "6340822" \| "6346189" \| "6355198" \| "6359288" \| "6437329" \| "6459095" \| "6465132" \| "6468657" \| "6468677" \| "6503375" \| "6528020" \| "6538367" \| "6559468" \| "6586095" \| "6628053" \| "6716409" \| "6741019" \| "6743408" \| "6756025" \| "6756795" \| "6762056" \| "6781166" \| "6803840" \| "6808746" \| "6815706" \| "6846565" \| "6872645" \| "6882051" \| "6882767" \| "6902720" \| "6946197" \| "6958216" \| "6962823" \| "6974706" \| "6996147" \| "7048903" \| "7129554" \| "7172953" \| "7211464" \| "7303875").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/24 14:59 |
| S32 | 2967 | (428/402).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/24 14:59 |
| S33 | 3 | S32 AND S31 | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/06/24 14:59 |

| S34 | 2 | EP-561551-A$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/05 11:41 |
| S35 | 40 | "6268961" OR "2002009573" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/05 11:43 |
| S36 | 34 | "6268961" OR "2002009573" | US-PGPUB; USPAT | OR | OFF | 2008/08/05 11:44 |
| S37 | 34 | "6268961" OR "2002009573A1" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/08/05 11:44 |
| S38 | 0 | JP-4134440 | JPO | OR | OFF | 2008/08/05 12:01 |
| S39 | 0 | "4134440" | JPO | OR | OFF | 2008/08/05 12:01 |
| S40 | 0 | "5051480" | JPO | OR | OFF | 2008/08/05 12:02 |
| S41 | 1 | "2000296580" | JPO | OR | OFF | 2008/08/05 12:02 |
| S42 | 2 | dissymmetric WITH (nano$1particle$ OR nano$1metric OR meso$scopic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/05 12:15 |
| S43 | 3072 | (nano$1particle$ OR nano$1metric OR meso$scopic) SAME ((size OR diameter) NEAR (nano$1meter$1 OR nm)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/05 12:20 |
| S44 | 9 | (nano$1particle$ OR nano$1metric OR meso$scopic) SAME ((size OR diameter) NEAR (nano$1meter$1 OR nm)) AND (light ADJ diffus$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/08/05 12:21 |
| S45 | 0 | JP-19900259896 | JPO | OR | OFF | 2008/08/05 12:23 |

| S46 | 0 | 1990JP-0259896.AP,PRAI. | JPO | OR | OFF | 2008/08/05 12:24 |
|-----|---|---|---|---|---|---|
| S49 | 1 | "803550" | EPO | OR | ON | 2008/08/20 07:20 |
| S64 | 2 | EP-1325944-A2.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 07:36 |
| S66 | 2 | EP-573150-A2.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 07:37 |
| S67 | 1 | WO-0216267-A$.DID. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 07:37 |
| S68 | 269 | Noguchi-T.IN. AND particle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:05 |
| S69 | 0 | Noguchi-T.IN. AND nano$1particle AND $3symmetric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:06 |
| S70 | 0 | Noguchi-T.IN. AND nano$1particle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:06 |
| S71 | 61 | Noguchi-T.IN. AND particle AND oxide | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:06 |

| S72 | 3 | "6511536" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:12 |
| S73 | 6 | ("3925095" \| "4603047" \| "5169442" \| "5910214" \| "6136085").PN. OR ("6511536").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/15 08:12 |
| S74 | 307565 | $3symmetric | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:13 |
| S76 | 1947457 | (particle microsphere nanosphere micro$1particle nano$1particle micro$1metric nano$1metric mesoscopic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:14 |
| S77 | 493520 | inorganic SAME organic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:14 |
| S78 | 1048175 | $4vinyl | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:15 |
| S79 | 9662 | S74 AND S76 AND S77 AND S78 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:16 |
| S80 | 28881 | S77 SAME (physiochemical physicochemical covalent interaction bonded bonding) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:16 |
| S81 | 1006 | S79 AND S80 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:16 |

| S82 | 300 | S79 AND S80 AND (size SAME ("nm" nanometer micrometer "mu.m.")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:17 |
| S83 | 321 | S79 AND S80 AND ((diameter size) SAME ("nm" nanometer micrometer "mu.m.")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:17 |
| S84 | 375078 | $4vinyl WITH (polymeric polymer polymerized) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:18 |
| S85 | 126 | S83 AND S84 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:18 |
| S86 | 5 | ("2001/0011109").URPN. | USPAT | OR | ON | 2008/10/15 08:20 |
| S87 | 104 | S83 AND (metal NEAR3 oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:22 |
| S88 | 92 | S83 AND (metal NEAR3 oxide) AND (paint coating) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:23 |
| S89 | 19 | S83 AND (metal NEAR3 oxide) AND (inorganic NEAR10 aqueous) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:25 |
| S91 | 3278 | (428/402).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 08:26 |

| S92 | 1 | S91 AND S83 AND (metal NEAR3 oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:27 |
| --- | --- | --- | --- | --- | --- | --- |
| S93 | 19 | "6592764" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:27 |
| S94 | 369 | (mesoscopic mesostructure mesostructured) SAME particle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:31 |
| S95 | 77 | (mesoscopic mesostructure mesostructured) SAME particle AND (inorganic WITH oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:31 |
| S96 | 11 | (mesoscopic mesostructure mesostructured) SAME particle AND (inorganic WITH oxide) AND paint | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:36 |
| S97 | 300 | S79 AND S80 AND (size SAME ("nm" nanometer micrometer ".mu.m.")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:41 |
| S98 | 13160 | ((427/255.11-255.22) or (428/842.4,842.6,32.25,32.28,32.31,32.34,32.35,32.38,32.73,32.74,368,372,384-390,402,404,405,407)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 08:53 |
| S99 | 16 | S98 AND (mesoscopic mesostructure mesostructured) SAME particle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 08:53 |

| S100 | 10 | S98 AND (mesoscopic mesostructure mesostructured) SAME particle AND ($4vinyl$7 divinylbenzene polystyrene $4styrene) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 09:04 |
|------|-----|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-----|-----|---------------------|
| S101 | 92 | S98 AND (mesoscopic mesostructure mesostructured mesocomposite nanocomposite) SAME particle AND ($4vinyl $7 divinylbenzene polystyrene $4styrene) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 09:06 |
| S102 | 50 | S98 AND (mesoscopic mesostructure mesostructured mesocomposite nanocomposite) SAME particle AND ($4vinyl $7 divinylbenzene polystyrene $4styrene) AND (inorganic SAME oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 09:09 |
| S103 | 680 | (mesoscopic mesostructure mesostructured mesocomposite nanocomposite) SAME particle AND ($4vinyl$7 divinylbenzene polystyrene $4styrene) AND (inorganic SAME oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 09:10 |
| S104 | 376 | (mesoscopic mesostructure mesostructured mesocomposite nanocomposite) SAME particle AND (organic SAME ($4vinyl$7 divinylbenzene polystyrene $4styrene)) AND (inorganic SAME oxide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 09:10 |
| S105 | 73 | (mesoscopic mesostructure mesostructured mesocomposite nanocomposite) SAME particle AND (organic SAME ($4vinyl$7 divinylbenzene polystyrene $4styrene)) AND (inorganic SAME oxide SAME (alkyl amine thiol nitrile)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 09:11 |
| S106 | 25 | (US-20050242035-$ or US-20010011109-$ or US-20030205528-$ or US-20030054948-$ or US-20020106513-$). did. or (US-5962132-$ or US-6846565-$ or US-7329311-$ or US-6268961-$ or US-6511536-$ or US-6592764-$ or US-6099964-$ or US-6465387-$ or US-6528034-$).did. or (EP-561551-$ or EP-803550-$ or EP-1325944-$ or EP-573150-$).did. or (JP-2000296580-$).did. or (EP-561551-A-$ or EP-1325944-$ or GB-2267503-$ or WO-0216267-$ or EP-1072650-$ or WO-9937705-$ or JP-2003238118-$).did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/10/15 09:19 |
| S107 | 5 | S106 AND (inorganic SAME oxide SAME (alkyl amine thiol nitrile alkenyl aryl)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 09:19 |

| S108 | 190306 | anisotropic anisotropy | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 09:41 |
|------|--------|------------------------|------------------|----|-----|---------|
| S109 | 3 | S106 AND S108 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 09:42 |
| S110 | 9845 | (428/323-327).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 10:00 |
| S111 | 3278 | (428/402).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 10:01 |
| S112 | 7 | S111 AND mesoscopic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 10:01 |
| S113 | 18 | S111 AND (mesoscopic nanometric) SAME particle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 10:02 |
| S114 | 3 | S111 AND (mesoscopic nanometric) SAME particle AND covalent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 10:09 |
| S116 | 479519 | (("106") or ("252") or ("528") or ("524") or ("523")).CLAS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 10:12 |

| S118 | 12 | S116 AND (mesoscopic nanometric) SAME particle AND covalent | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 10:12 |
|---|---|---|---|---|---|---|
| S119 | 8 | ("5718907").URPN. | USPAT | OR | ON | 2008/10/15 10:14 |
| S120 | 2 | (mesoscopic nanometric) SAME particle SAME (dumbbell (dumb ADJ bell) ellipse disk block rod) AND (inorganic SAME organic SAME covalent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 10:20 |
| S121 | 6 | (mesoscopic nanometric) SAME particle AND (dumbbell (dumb ADJ bell) ellipse disk block rod) AND (inorganic SAME organic SAME covalent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 10:21 |
| S123 | 2 | ("6866925").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 10:34 |
| S124 | 3 | ("6866925").URPN. | USPAT | OR | ON | 2008/10/15 10:38 |
| S125 | 499 | Inorganic$1Organic NEAR5 Hybrid NEAR5 Polymer | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 10:40 |
| S126 | 113 | S116 AND S125 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 10:40 |
| S128 | 48 | S116 AND S125 AND (dumbbell snowman ellipse disk block rod) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 10:41 |

| S129 | 2 | S116 AND S125 AND (mesoscopic nanometric) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 10:41 |
|------|-----|----------------------------------------------------|----------|----|----|----------|
| S130 | 785 | (organic$1inorganic inorganic$1organic "inorganic/organic" "organic/inorganic") SAME hybrid SAME particle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 11:03 |
| S131 | 33 | S98 AND (organic$1inorganic inorganic$1organic "inorganic/organic" "organic/inorganic") SAME hybrid SAME particle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 11:03 |
| S132 | 24 | ("3640943" \| "4598056" \| "4732879" \| "5109080" \| "5352512" \| "5372796" \| "5426136" \| "5484851" \| "5538711" \| "5593781" \| "5698483" \| "5705222" \| "5770275" \| "5814370" \| "5853886" \| "6034164" \| "6410142").PN. OR ("6592991").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/15 11:04 |
| S134 | 513 | colloid$2 SAME silica SAME (hybrid (organic$1inorganic) (inorganic$1organic)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 11:39 |
| S135 | 43 | colloid$2 SAME silica SAME (hybrid (organic$1inorganic) (inorganic$1organic)) SAME vinyl | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 11:39 |
| S136 | 15 | ("5856379").URPN. | USPAT | OR | ON | 2008/10/15 11:42 |
| S137 | 7 | colloid$2 SAME silica SAME (hybrid NEAR5 ((organic$1inorganic) (inorganic$1organic))) SAME vinyl | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 11:45 |
| S138 | 21 | colloid$2 AND silica SAME (hybrid NEAR5 ((organic$1inorganic) (inorganic$1organic))) SAME vinyl | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 11:45 |

| S139 | 0 | colloid$2 AND silica SAME (hybrid NEAR5 ((organic$1inorganic) (inorganic$1organic))) SAME vinyl SAME graft | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 11:47 |
| S140 | 20 | silica SAME (hybrid NEAR5 ((organic$1inorganic) (inorganic$1organic))) SAME vinyl SAME (graft$3 colloid$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 11:47 |
| S145 | 295 | (hybrid WITH ((organic$1inorganic) (inorganic$1organic))) SAME (graft$3 colloid$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 11:49 |
| S146 | 109 | (hybrid WITH ((organic$1inorganic) (inorganic$1organic))) SAME (graft$3 colloid$2) SAME particle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 11:49 |
| S149 | 6 | (("4,478,876") or ("4,491,508") or ("6,160,067")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 11:57 |
| S150 | 2545 | (428/407).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 16:25 |
| S151 | 34431 | (platelet or asymmetric$2 or dissymmetric$2 or acicular) AND (polystyrene (styrene NEAR (copolymer polymer))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 16:26 |
| S152 | 98 | S150 AND S151 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 16:26 |

| S153 | 3037 | organic$4 SAME (modify modified) SAME ((mineral metal) ADJ (oxide alkoxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 16:36 |
|------|------|------|------|------|------|------|
| S154 | 1182 | (organic$4 WITH (modify modified)) SAME ((mineral metal) ADJ (oxide alkoxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 16:36 |
| S155 | 8 | S150 AND S154 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 16:37 |
| S156 | 4 | (("4804427") or ("5770303")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 16:44 |
| S157 | 13 | ("3519593" \| "4481322" \| "4972008" \| "5278204" \| "5412025" \| "5871846" \| "6362251").PN. OR ("6602933").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/15 16:44 |
| S158 | 3278 | (428/402).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 16:46 |
| S159 | 3712 | (428/403).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 16:46 |
| S160 | 1880 | (428/404).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 16:46 |
| S161 | 6 | S154 AND S158 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 16:47 |

| S162 | 19 | S154 AND S159 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 16:47 |
|------|-----|---------------|------|------|------|----------|
| S163 | 7 | S154 AND S160 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 16:47 |
| S164 | 31 | (organic$4 WITH (modify modified)) SAME ((mineral metal) ADJ (oxide alkoxide)) SAME particle SAME composite | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 16:50 |
| S165 | 21 | ("3891594" \| "3956230" \| "3960805" \| "4093600" \| "4478963" \| "4752630" \| "4950710" \| "5096942" \| "5175027" \| "5182143" \| "5384365" \| "5391600" \| "5540652" \| "5540981" \| "6103854" \| "6136891" \| "6172138").PN. OR ("6476098").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/15 16:51 |
| S166 | 83 | (organic$4 WITH (modify modified)) AND (hybrid WITH ((organic$1inorganic) (inorganic$1organic))) AND (graft $3 colloid$2) AND ((mineral metal) ADJ (oxide alkoxide)) SAME particle SAME composite | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:04 |
| S167 | 2335 | ((organic$4 WITH (modify modified)) (hybrid WITH ((organic$1inorganic) (inorganic$1organic)))) SAME (particle composite) AND ((mineral metal) ADJ (oxide alkoxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:09 |
| S168 | 83 | (S158 S159 S160) AND S167 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:10 |
| S169 | 13160 | ((427/255.11-255.22) or (428/842.4,842.6,32.25,32.28,32.31,32.34,32.35,32.38,32.73,32.74,368,372,384-390,402,404,405,407)).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/15 17:12 |
| S170 | 110 | (S169) AND S167 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:12 |

| S171 | 5628 | ((organic$4 WITH (modify modified)) (hybrid ((organic$1inorganic) (inorganic$1organic)))) SAME (particle composite) AND ((mineral metal) ADJ (oxide alkoxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:16 |
|------|------|------|------|------|------|------|
| S172 | 190 | S169 AND S171 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:16 |
| S173 | 1512 | ((organic$4 WITH (modify modified)) (hybrid ((organic$1inorganic) (inorganic$1organic)))) SAME (particle composite) SAME ((mineral metal) ADJ (oxide alkoxide)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:16 |
| S174 | 51 | S169 AND S173 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:17 |
| S175 | 293 | (microsphere nanosphere micro$1particle nano$1particle micro$1metric nano$1metric mesoscopic) SAME (asymmetric dissymmetric anisotropic) AND ((diameter size) SAME ("nm" nanometer micrometer "mu.m.")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:19 |
| S176 | 6 | S171 AND S175 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:19 |
| S177 | 1 | S173 AND S175 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:19 |
| S178 | 11489 | (microsphere nanosphere micro$1particle nano$1particle micro$1metric nano$1metric mesoscopic) SAME ((diameter size) SAME ("nm" nanometer micrometer "mu.m.")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:20 |

| S179 | 383 | S171 AND S178 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:21 |
|---|---|---|---|---|---|---|
| S180 | 84 | S173 AND S178 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:21 |
| S181 | 1139 | ((organic$4 WITH (modify modified)) (hybrid ((organic$1inorganic) (inorganic$1organic)))) SAME (particle composite) AND ((mineral metal) ADJ (oxide alkoxide)) AND (coupling ADJ agent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:23 |
| S182 | 894 | ((organic$4 WITH (modify modified)) (hybrid ((organic$1inorganic) (inorganic$1organic)))) SAME (particle composite) AND ((mineral metal) ADJ (oxide alkoxide)) AND (coupling ADJ agent) AND (polystyrene styrene) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:23 |
| S183 | 200 | ((organic$4 WITH (modify modified)) (hybrid ((organic$1inorganic) (inorganic$1organic)))) SAME (particle composite) AND ((mineral metal) ADJ (oxide alkoxide)) AND (coupling ADJ agent) AND (polystyrene styrene) AND (divinylbenzene) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:23 |
| S184 | 6 | S178 AND S183 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:24 |
| S185 | 299942 | ((diameter size) SAME ("nm" nanometer micrometer "mu.m.")) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:25 |
| S186 | 133 | S183 AND S185 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:25 |

| S187 | 62 | (functional NEAR3 group) SAME ((mineral metal) ADJ oxide) SAME (organic$5 organic$1 inorganic inorganic $1 organic) SAME (hybrid composite) SAME particle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/15 17:28 |
| S188 | 15 | ("5856379").URPN. | USPAT | OR | ON | 2008/10/15 17:32 |
| S189 | 1 | "5856379".PN. AND (coupling WITH agent) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/16 11:36 |
| S190 | 27 | Functionalized SAME (silica siloxane) SAME ((crystal crystalline) WITH (structure shape)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/16 17:15 |
| S191 | 45 | Functionalized SAME (silica siloxane) SAME ((crystal crystalline composite) WITH (structure shape)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/16 17:17 |
| S192 | 670 | Functionalized SAME (silica siloxane) SAME (dumbbell ellipse disk block rod platelet) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/16 17:18 |
| S193 | 3279 | (428/402).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/16 17:19 |
| S194 | 2 | S192 AND S193 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/16 17:19 |
| S195 | 290876 | ("428").CLAS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/16 17:19 |

| S196 | 46 | S192 AND S195 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/16 17:20 |
|---|---|---|---|---|---|---|
| S197 | 1338 | Functionalized SAME (silica siloxane) AND ((shape size) SAME (dumbbell ellipse disk block rod platelet)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/16 17:21 |
| S198 | 138 | S195 AND S197 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/16 17:21 |
| S199 | 88088 | nano$1particle micro$1particle nanoparticle microparticle | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/16 17:21 |
| S200 | 53 | S198 AND S199 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/16 17:21 |
| S201 | 54 | (US-20050242035-$ or US-20010011109-$ or US-20030205528-$ or US-20030054948-$ or US-20020106513-$ or US-20030191236-$ or US-20030100668-$ or US-20040023040-$).did. or (US-5962132-$ or US-6846565-$ or US-7329311-$ or US-6268961-$ or US-6511536-$ or US-6592764-$ or US-6099964-$ or US-6465387-$ or US-6528034-$ or US-5718907-$ or US-6627314-$ or US-6866925-$ or US-6592991-$ or US-5856379-$ or US-7223473-$ or US-7175913-$ or US-6964992-$ or US-6861115-$ or US-6686035-$ or US-6160067-$ or US-6602933-$ or US-3519593-$ or US-6287695-$ or US-6476098-$ or US-5540981-$ or US-5096942-$).did. or (US-6258974-$ or US-6410765-$ or US-6743936-$ or US-6528167-$).did. or (EP-561551-$ or EP-803550-$ or EP-1325944-$ or EP-573150-$ or EP-1054035-$).did. or (JP-2000296580-$).did. or (EP-561551-A-$ or EP-1325944-$ or GB-2267503-$ or WO-0216267-$ or EP-1072650-$ or WO-9937705-$ or JP-2003238118-$ or WO-0132558-$ or WO-9712942-$ or EP-1054035-$ or WO-0185324-$).did. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/10/20 08:04 |
| S202 | 8 | S201 AND (silica SAME (ellipse platelet disk block rod)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/20 08:05 |

| S203 | 7 | S201 AND ("L" WITH group) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/10/20 08:55 |

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